Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012720\
Data File : BP001691.D
Acq On : 27 Jan 2020 15:16
Operator : CG/JU
Sample : PB126358BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB126358BS

Manual Integrations APPROVED
mohammad
1/28/2020 1:14:25 PM

Quant Time: Jan 28 10:08:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 24 22:23:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	16828	20.00	ng		-0.01
21) Naphthalene-d8	10.33	136	77028	20.00	ng		-0.01
39) Acenaphthene-d10	14.21	164	61549	20.00	ng		-0.01
64) Phenanthrene-d10	16.97	188	151582	20.00	ng		-0.01
76) Chrysene-d12	21.09	240	156418	20.00	ng		0.00
87) Perylene-d12	23.28	264	174037	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	120271	140.00	ng		0.00
7) Phenol-d6	6.76	99	181201	131.98	ng		0.00
23) Nitrobenzene-d5	8.70	82	132671	75.26	ng		0.00
42) 2,4,6-Tribromophenol	15.72	330	80936	86.39	ng		-0.01
45) 2-Fluorobiphenyl	12.83	172	307101	73.36	ng		-0.01
79) Terphenyl-d14	19.57	244	587271	68.67	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	11473	41.848	ng		96
3) Pyridine	3.49	79	33964	34.284	ng		93
4) n-Nitrosodimethylamine	3.41	42	34189	48.693	ng	#	96
6) Aniline	6.89	93	56830	33.105	ng		92
8) 2-Chlorophenol	7.13	128	47238	47.100	ng		98
9) Benzaldehyde	6.70	77	29785	36.320	ng		89
10) Phenol	6.78	94	70062	49.331	ng		98
11) bis(2-Chloroethyl)ether	6.99	93	47837	42.947	ng		93
12) 1,3-Dichlorobenzene	7.45	146	47260m	37.488	ng		
13) 1,4-Dichlorobenzene	7.59	146	49050	37.627	ng		94
14) 1,2-Dichlorobenzene	7.90	146	49033	38.923	ng		97
15) Benzyl Alcohol	7.80	79	54708	42.313	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.09	45	92075	44.497	ng		97
17) 2-Methylphenol	8.02	107	46720	47.380	ng		95
18) Hexachloroethane	8.62	117	19690	38.692	ng		97
19) n-Nitroso-di-n-propylamine	8.36	70	46875	44.783	ng		89
20) 3+4-Methylphenols	8.35	107	63320	45.908	ng		94
22) Acetophenone	8.37	105	81247	37.627	ng	#	93
24) Nitrobenzene	8.75	77	71218	39.935	ng		97
25) Isophorone	9.27	82	128907	40.780	ng		99
26) 2-Nitrophenol	9.45	139	26888	39.896	ng		97
27) 2,4-Dimethylphenol	9.53	122	49692	49.354	ng		99
28) bis(2-Chloroethoxy)methane	9.76	93	72427	39.112	ng		96
29) 2,4-Dichlorophenol	9.99	162	54015	39.193	ng		97
30) 1,2,4-Trichlorobenzene	10.20	180	56844	34.167	ng		98
31) Naphthalene	10.38	128	151603	37.292	ng		99
32) Benzoic acid	9.85	122	2753m	7.444	ng		
33) 4-Chloroaniline	10.50	127	43522	23.252	ng		96
34) Hexachlorobutadiene	10.68	225	37397	31.753	ng		97
35) Caprolactam	11.25	113	19948m	39.860	ng		
36) 4-Chloro-3-methylphenol	11.65	107	64622	39.071	ng		93
37) 2-Methylnaphthalene	12.00	142	118791	36.665	ng		96
38) 1-Methylnaphthalene	12.23	142	113317	36.346	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	74750	35.454	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.37	237	64156	59.988	ng		95
43) 2,4,6-Trichlorophenol	12.63	196	44474	32.706	ng		100
44) 2,4,5-Trichlorophenol	12.71	196	49894	34.529	ng		97
46) 1,1'-Biphenyl	13.04	154	165446	37.512	ng		100
47) 2-Chloronaphthalene	13.08	162	131987	36.007	ng		98
48) 2-Nitroaniline	13.29	65	57811	40.142	ng		94
49) Acenaphthylene	13.93	152	217084	38.400	ng		98
50) Dimethylphthalate	13.68	163	180980	35.700	ng		97
51) 2,6-Dinitrotoluene	13.79	165	39724	36.951	ng	#	86
52) Acenaphthene	14.27	154	125534	35.854	ng		99
53) 3-Nitroaniline	14.12	138	28362	24.988	ng		93
54) 2,4-Dinitrophenol	14.34	184	26726	44.215	ng	#	76
55) Dibenzofuran	14.62	168	216918	36.637	ng		100
56) 4-Nitrophenol	14.46	139	56988	62.875	ng		88
57) 2,4-Dinitrotoluene	14.59	165	56469	35.900	ng		93
58) Fluorene	15.27	166	176234	36.784	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.86	232	46283	31.019	ng		96
60) Diethylphthalate	15.06	149	184175	35.323	ng		99
61) 4-Chlorophenyl-phenylether	15.27	204	97211	35.453	ng		97
62) 4-Nitroaniline	15.30	138	38681	29.891	ng		96
63) Azobenzene	15.57	77	214605	41.192	ng		93
65) 4,6-Dinitro-2-methylphenol	15.37	198	29471	35.961	ng		95
66) n-Nitrosodiphenylamine	15.49	169	155208	38.650	ng		98
67) 4-Bromophenyl-phenylether	16.17	248	60989	35.665	ng		96
68) Hexachlorobenzene	16.29	284	67181	33.814	ng		98
69) Atrazine	16.46	200	66026	44.768	ng		99
70) Pentachlorophenol	16.64	266	54296m	49.485	ng		
71) Phenanthrene	17.02	178	302656	36.715	ng		99
72) Anthracene	17.11	178	313061	39.010	ng		99
73) Carbazole	17.39	167	275031	36.504	ng		99
74) Di-n-butylphthalate	17.97	149	322300	36.157	ng		99
75) Fluoranthene	19.00	202	393536	36.281	ng		99
77) Benzidine	19.19	184	182118	50.991	ng		98
78) Pyrene	19.36	202	401462	34.940	ng		98
80) Butylbenzylphthalate	20.26	149	151723	34.742	ng		99
81) Benzo(a)anthracene	21.07	228	394720	36.234	ng		99
82) 3,3'-Dichlorobenzidine	21.01	252	119749	29.315	ng		98
83) Chrysene	21.12	228	380597	35.850	ng		99
84) Bis(2-ethylhexyl)phthalate	21.03	149	225160	37.610	ng		98
85) Di-n-octyl phthalate	21.89	149	377241	39.519	ng	#	93
86) Indeno(1,2,3-cd)pyrene	25.49	276	457332	36.801	ng	#	96
88) Benzo(b)fluoranthene	22.63	252	394226	35.947	ng		99
89) Benzo(k)fluoranthene	22.67	252	392862m	36.741	ng		
90) Benzo(a)pyrene	23.19	252	364584	35.013	ng	#	97
91) Dibenzo(a,h)anthracene	25.51	278	383635	35.708	ng	#	98
92) Benzo(g,h,i)perylene	26.17	276	382170	35.782	ng	#	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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